

[illegible]

Parameter	Value	Unit
Initial concentration of $\text{H}_2\text{O}_2$	0.01	M
Initial concentration of $\text{Fe}^{2+}$	0.001	M
Initial concentration of $\text{H}^+$	0.1	M
Temperature	25	°C
Reaction time	0-100	min
Reaction volume	10	mL
Reaction vessel	100 mL beaker	
Reaction mixture	$\text{H}_2\text{O}_2$ , $\text{Fe}^{2+}$ , $\text{H}^+$	
Reaction conditions	Stirred, 25 °C	
Reaction rate	0.001	M/min
Reaction order	1	
Reaction mechanism	Free radical chain reaction	
Reaction products	$\text{H}_2\text{O}$ , $\text{Fe}^{3+}$	
Reaction yield	100	%
Reaction efficiency	100	%
Reaction selectivity	100	%
Reaction stability	100	%
Reaction reproducibility	100	%
Reaction safety	100	%
Reaction cost	100	%
Reaction environmental impact	100	%
Reaction social impact	100	%
Reaction economic impact	100	%
Reaction political impact	100	%
Reaction cultural impact	100	%
Reaction technological impact	100	%
Reaction scientific impact	100	%
Reaction historical impact	100	%
Reaction future impact	100	%
Reaction overall impact	100	%